

# SOUTH PRODUCTION NOTES

October 15, 2014  
3-11 Shift

BASF EMPLOYEES  
6 Last Recordable  
468 Last Lost Time

Priorities 1 through 10 are basically all the same priority, should be considered urgent and will require call outs for maint issues and/or processing issues.

- 1) East Pfaudler/#3 P&S Dryer/#3RC/CTO
- 2) West Pfaudler
- 3) Reduction Towers
- 4) Reduction Tower Screeners
- 5) South PK
- 6) #1 Line
- 7) #2 Line/#2RC
- 8) #5 RC
- 9) #4 RC, Change over for the X-052 trial – cleaning instructions on Dennis Lucas' desk
- 10) Horne Tableting
- 11) Abbe/#6RC

## #1 MED / AI-4190:

**Down due to mixer coupling.**

**Midnight shift: Down until mixer coupling gets fixed.**

**Day shift: GEM working on coupling and gearbox. If repaired, try restarting line later in shift.**

**Afternoon shift:**

## #1 RC / Maintenance work:

**Down-Work scheduled on calciner the weeks of 9/22 and 9/29.**

**Midnight shift: Down**

**Day shift: Down**

**Afternoon shift: Down**

**Exhaust to**

## #2 MED line / Cu-0860:

**Continue if/when the chiller unit is repaired.** Also, we will be using Cu 3818 lot 484 in powder room.

**Midnight shift: No CRT's until midshift, then the chiller continued to fault.**

**W.O.W. It will run for 5 minutes, then the inlet temperature drops below the set point and it faults out.**

**Day Shift: Continue running. NOTE: we need to have a blank installed in the P&S diversion line to the hopper (using the hopper for another product). Work notification is in.**

**Afternoon Shift:**

### **#2 RC/ Cu 0360:**

Relighting calciner.

Midnight Shift: AL oxide continuing to run through. Need to relight calciner.

Day Shift: Bringing calciner up for Cu 0360 feed. Will confirm with Mark Goodman and Noemi Trent on lining out feed, when to start loading smaller drums, when to load 55 gal drums, sampling, testing, etc....Feed should be starting early 2<sup>nd</sup> shift. Use extra body to assist when we are filling the small drums (use pill machine operator, as needed). Make sure we have the following bags of material ready (2 bags lot 3, 10 bags lot 4, 7 bags lot 5). If not already here in department, get the rest from building 24 and feed in lot order.

Afternoon shift:

**Exhaust to CTO**

### **#3 Dryer/ D-1795:**

**Continue** to feed buggies as they become available.

Midnight Shift: Continued.

Day shift: Continue. Keep in mind that the P&S diverter valve has a bad solenoid valve and maintenance is waiting for a replacement (should be here Thursday). Until then, the valve should remain lined up to the bagging station. When changing out bags, stop the dryer belt and spiral to prevent backing-up or spillage from spiral.

Afternoon Shift:

### **#3 RC / D-1795:**

Continue on. Keep feed rate @ 625 Lbs/Hr.

Midnight shift: Continued. Feed rate above 700 again. Trying to bring down slightly.

Day shift: Continue

Afternoon Shift:

**Exhaust to CTO**

### **New Pfaudler / V-2045 on hold, Zr-0405 is next.:**

Acid wash completed, but not very successful. Lid was removed and pfaudler was power washed, but still has build up inside of it. When we restart, we need to vacuum off the tops of the bags. They cannot leave the department with vanadium on them.

Midnight shift: No change.

Day shift: Nitric acid is here. Contact Bill Grodecki for cleaning instructions.

Afternoon Shift:



### **6 Tank / Vanadyl Oxalate – done for now:**

Monitor tank.

Midnight Shift: Monitored tank.

Day Shift: No activity, but plan is to pump out and clean tank. Use old vanadium totes if any available. May need at least 3 totes to empty tank (check

Afternoon shift:

### **National Dryer:**

No activity. Will be using in 2-3 weeks.

Midnight Shift: No activity. Overtime operators on day shift can address.

Day shift: Power washing belt

Afternoon Shift:

### **#4 RC / X-052:**

Light calciner-crown set at 400 degrees with 50 cfm purge air-K Kaput.

Midnight Shift: Calciner is lit and on hold to restart at 8 am Wednesday morning.

Day shift: Ran until end of day shift. Will stay down until Thursday morning.

Need to retrieve the 6 drums in shipping for repacking and feeding calciner #4 on Thursday. The X-052 drums are labelled lot MAG OX, and are in the front section of area A. Ask Rob Warth for guidance if necessary. Repack hopper will need to be rinsed out, and these 6 drums repacked. Need done by tonight.

Afternoon Shift:

**Exhaust to 4A DC**

### **#5 RC / Cu-3818:**

**Down** due to plugged vac-u-max. When we are back and running, continue to feed Phibro Tech Cu Carb (not World Metals). W.O.W. for inspection of the 5A roto-lock (possibly worn paddles). (RS 9/8/14) – When run is complete.

Midnight Shift: Down. On hold.

Day shift: Still down for Vac-U-Max relocation to 2<sup>nd</sup> floor. May be done by end of day shift, then will need to inspect electrical and mechanical components before restarting calciner. We should try lighting the calciner this afternoon and if everything ready by Thursday, perform feeding “test run”.

Afternoon shift:

**Exhaust to 5A DC**

### **Abbe Blender / 5206:**

**ONLY run Abbe on off shifts and weekends.**

Midnight shift: Made batches.

Day shift: Hold

**Afternoon Shift:**

**#6 RC / D-5206**

**Down** until we get feed built up. Continue when we have feed and can run the Abbe.

**Midnight shift:** Down for sly scrubber repairs. Will need to confer with maintenance on the status of the repair.

**Day Shift:** Still down, working on Sly scrubber (dryer down).

**Afternoon shift:**

**Exhaust to Sly Scrubber**

**Tower 3/DPT 101 done, Cu 0860 loading:**

**Loaded and running.**

**Midnight Shift:** Running. Should be ready to unload on day shift.

**Day shift:** Unloaded and rinsed. Will reload Cu 0860 afternoon shift.

**Afternoon shift:**

**Tower 6 / Cu-1230:**

**Continue.** Loaded with the first load of Cu-1230.

**Midnight Shift:** Loaded and running.

**Day shift:** Continue

**Afternoon shift:**

**North Screener /DPT-101:**

**Will be able to start** when tower is unloaded on day shift.

**Midnight shift:** Hold. Can start when tower is unloaded on day shift.

**Day shift:** Start screening DPT 101

**Afternoon shift:**

**South Screener / Cu 1230:**

**Continue On.**

**Midnight shift:** Continued.

**Day shift:** Continue when material available from tower 6 unload.

**Afternoon Shift:**

**#2662 (west) Pill Machine / Al-3915 T 5/32:**

**Midnight shift:** Down due to manpower.

**Day Shift:** Continue...may need operator to shut down machines and assist with calciners when the small Cu 0360 drums are being filled on RC #2

**Afternoon shift:**

**#2664 (east) Pill Machine / Al-3915 T 5/32:**

Need an electrician to address faults.

Midnight shift: Down due to manpower.

Day shift: Continue...may need operator to shut down machines and assist with calciners when the small Cu 0360 drums are being filled on RC #2.

Afternoon shift:

**Old Pfaudler / D-1795:**

Continue. NEED 4 BATCHES PER DAY

Midnight Shift: Continued.

Day Shift: Continue

Afternoon shift:

**7 Tank AMT:**

Tank made on afternoon shift. Keep between 25 and 35. Thermocouple that was installed was annihilated, probably by the agitator. This may cause a line pluggage in the future.

Midnight Shift: Continue to monitor tank.

Day Shift: Continue to monitor, may need new tank made this afternoon.

Afternoon shift:

**PK Blender/Al Na Selexorb:**

Continue to make the selexorb. Do not blow down the dust collector. Do not make batches if the DP on the dust collector is not in range. Be sure to clean the dust collector clean out ports.

Midnight Shift: Continued.

Day shift: Run when manpower available

Afternoon shift:

**TK #2 / V-2046:**

On hold.

Midnight shift: Holding temps. PAPR training to be done early day shift.

Day Shift: Should be ready to load this afternoon (temps should be OK)

Afternoon shift:

**TK #4 / Cu 0540 next (Sterotex screening for now):**

This kiln is off.

Midnight shift:

Day Shift:

Afternoon shift:



**Harrop Kiln / Al 3920/Al-4190 Next:**

**Continue to load and unload and assist screener operator. After lot 191-switch. Midnight shift: Still just pushing cars through. Should start unloading/loading on first shift.**

**Day Shift: Begin unloading, and loading last 1.5 bags of Al 3920 material.**

**Afternoon shift:**

**Building 27 Belt Filter / Cu 6081:**

**No activity.**

**Midnight shift: No change.**

**Day shift: No activity until J Lewis notifies us.**

**Afternoon Shift:**

For the weekend AMMONIUM METATUNGSTATE is in the rail shed. Versal 250 is in shipping and in the rail shed. Cu 1230 for the towers is in the pole barn. Catapal B for the AL 3915 pill mix will be on the truck in our dock 3. The D 1795 can be put on the truck in our dock 2 and when it is full start loading dock 1. There is a full pallet of 120 bags on the 1st floor and 114 bags are in the rail shed. There will be a bunch of empty super sack due in Monday.